As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an

original, first and joint inventor (which is claimed and for which a pate	if plural na	ames are list	ed below) of	f the subject	
USING REDUNDANT SPARES TO REDUCE STO	RAGE DEVICE	ARRAY REBUIL	D TIME		
the specification of which (check on	e)			•	
X is attached hereto.					
as Application Serial Noand was amended on		(if applicat	ole).		
I hereby state that I have reviewed specification, including the claims,					ied
I acknowledge the duty to disclose i in Title 37, Code of Federal Regulat			rial to pate	entability as	defined
I hereby claim foreign priority bene (d) or Section 365(b) of any foreign Section 365(a) of any PCT Internatio other than the United States, listed application for patent or inventor's filing date before that of the appli	application nal applicat below and l certificate	n(s) for pate tion which de have also ide e or PCT Inte	ent or inventesignated at entified belowernational age	tor's certification least one community one community on the community of	icate, or ountry gn
Prior Foreign Application(s)				Priority C	laimed
None				Yes	No
(Number) (Cou	ntry)	(Day/Mont	h/Year Filed	d)	
I hereby claim the benefit under Tit States application(s) or Section 365 United States, listed below and, ins application is not disclosed in the the manner provided by the first par acknowledge the duty to disclose inf Title 37, Code of Federal Regulation of the prior application and the nat application:	(c) of any cofar as the prior United agraph of Tormation when s, Section	PCT Internati subject matt d States or I itle 35, Unit ich is materi 1.56, which o	onal application of each of each of each of each of the control of	ation designation the claims ional application ode, Section tability as owners the filter	ating the s of this ation in 112, I defined in
None					
(Application Serial No.) (Filin	g Date)	(Status)	(patented, p	pending, abar	ndoned)
I hereby declare that all statements statements made on information and b	elief are b	elieved to be	true; and i		

statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

Jean M. Barkley (#39,541)
Allen Bates (#50,276)
Randall J. Bluestone (#40,518)
Dale Crockatt (#35,109)
Stanley B. Green (#24,351)
Timothy N. Ellis (#41,734)

Abdy Raissinia (#38,686)
Paik Saber (#37,494)
William D. Gill (#44,124)
Christopher A. Hughes (#26,914)
Joseph Redmond, (#18,753)

Send correspondence to:

Timothy N. Ellis, Patent Attorney 8680 Via Mallorca, Suite D La Jolla, CA 92037

Direct Telephone Calls to: Timothy N. Ellis, telephone no. (858)455-7977

Full name of sole or first joint inventor: Amine M. Hajji

Inventor's signature:

Date: 6/17/03

Residence: 1211 Quail Creek Circle, San Jose, California 95120

Citizenship: United States of America

Post Office Address: Same

Full name of second joint-inventor: Karl Allen Nielsen

Inventor's signature:

Date: 6/19/03

Residence: • 9301 E. Betsey Place, Tucson, Arizona 85710

Citizenship: United States of America

Post Office Address: Same